

# Agriculture



Working together to conserve our natural resources!



UNIVERSITY OF MISSOURI  
Extension



Farm Service  
Agency



# Tomorrow

JUNE 2014

Published by MONTGOMERY AND WARREN COUNTY SOIL & WATER  
CONSERVATION DISTRICTS



## Upcoming Events:

- June 26—Grazing Field Day @ Bob Ridgley Farm near High Hill
- June 27-Nitrogen Management Field Tour 9am-noon @ Ladonia
- August 19—9am-3pm—Keys to Soil Health @ Vandalia MO

## Inside this issue:

Program Compliance—Would you pass the test?	2
Warren NRCS, SWCD, Volunteers and Partners	
Keys to Soil Health FSA News	3
Stevens Farm Tour (Montgomery County)	4
Summer Intern—Kristen	
Glosemeyer Farm Tour (warren County)	5
Summer Inter-Caitlyn Stanek	
Essay Winner WAA Spring Meeting	6
MDC Announces Deer Meetings	7
Grazing Field Day Registration for Bob Ridgley Farm on 6/26/14	8

## FIELD DAY for Livestock Grazing & Cattle Facility at the Ridgley Farm Thursday- June 26, 2014

View hoop barn and working facilities for cattle,  
tour grazing system,  
and learn about benefits of cover crops.

**4:30pm - Registration**

**5-6pm - Tour building & cattle facilities**

**6-6:45pm - Steak dinner with dessert**

**6:45-7:30pm - Soil Profile Comparison**

**7:30-8:30pm - Visit warm season grass fields**

Advance registration of \$5.00 is needed by 6/20/14 to cover the cost of the meal.

After 6/20/14 the cost is \$8.00.

RSVP to 636.456.3434 ext 3 or 573.564.3715 ext 3.

**Location: Ridgley Farm**  
**21 Coal Chute Rd**  
**High Hill, MO 63350**  
**~Watch for signs~**



**Warren County  
Soil & Water  
Conservation  
District**

635 W. Booneslick  
Warrenton, MO 63383  
Phone 636-456-3434, Ext. 3  
Fax 636-456-3712



**Montgomery County  
Soil & Water  
Conservation  
District**

1013 S. Sturgeon  
Montgomery City, MO 63361  
Phone 573-564-3715, Ext. 3  
Fax 573-564-3967

**Sponsored by the Warren & Montgomery SWCD's,  
Natural Resources Conservation Service,  
Farm Service Agency, Department of Agriculture  
and Quail Forever**  
**~Equal Opportunity Provider and Employer~**



## ~ Program Compliance ~

### Would you pass the Compliance Test?

By Sarah Szachnieski, R.C. and Tammy Teeter D.C.

Fall and winter months are a great time for planning what will be done on your farm in the spring months to come. If your plans for this coming spring include farming ground that has been out of production for a while or has not been in production, you will need to contact FSA (Farm Service Agency) and make sure that you have a determination on that piece of ground. Determinations are needed to know if a piece of ground is HEL (Highly Erodible Land) or NHEL (Non-Highly Erodible Land) and to insure that it is not a wetland. If you participate in any USDA program with FSA or NRCS (Natural Resource Conservation Service) conservation compliance is required. It is in your best interest to have this determination completed before you crop the land.

If your ground has a determination of HEL it needs to have a farm plan. A farm plan includes the type of crop that you plan to plant and the tillage that you will be using. HEL ground has a "T" (tolerable) level for the type of soil that the field makes up in majority, and HEL ground can not erode past two times the "T" level each year to remain in program compliance. Farming HEL ground without a conservation plan can make you ineligible for USDA program benefits on all farms that you own or operate, not just the new ground that you have added to your operation. Ground that is NHEL does not require a farm plan for program compliance.

It should be noted that on HEL ground conservation compliance includes controlling gullies in your crop fields. There are different options to help with controlling gullies including changing your cropping rotation, tillage practices, utilization of cover crops and seeding areas down to permanent grass cover.

Each year we do Conservation Compliance Reviews on randomly selected farms to insure that producers are following their conservation plan and that all erosion is under control. In the past few years we have found that some producers are not following the rotation/tillage set up in the plan, maybe using more of a soybean after soybean and no wheat in the rotation, working the ground more than planned as well as many of the low concentrated areas that used to be in grass sprayed and planted through and field edges worked closer to property/tree lines and the grass no longer there. This is causing a great deal of gully erosion and a lot of productive topsoil is being lost due to this. If you have this on your farm you own or operate you need to address these issues now before it is selected for a review or you could be found out of compliance.

## The Keys to Soil Health

You can unlock the secrets within the soil and improve crop yields by learning the key ingredients to managing soil at the

### Soil Health Workshop Vandalia, MO

This workshop will give basic knowledge of how soil works and how management practices affect the services that soil provides. Knowing the secrets to your soil will help you determine the practices that best fit your farm and your management goals. Topics include:

Integration of livestock and cover crops

Rotational grazing effects on soil health

Developing cover crop mixes/adjusting rotations to utilize cover crops

Soil health testing benefits and procedures: Bring two dried soil samples to analyze, 1 fence row and 1 field

Cost to benefit ratios of management practices to improve soil health

Farming to improve organic matter and soil water retention improving crop nutrient availability through improvement of soil health

Brought to you by the University of Missouri Bradford Research Center  
Sponsored by NRCS

## Warren County NRCS, SWCD, Volunteers and Partners are Recognized!



### FY13 Missouri Earth Team Chief's Award

Warren County NRCS, SWCD, and Partners

Pictured are: (1st row) Ann Whitehead, Polly Sachs, Tammy Teeter, Ralph Glosemeyer, Debbie Niederer; (2nd row) Richard Eggering, Steve Tomschin, Bob Ridgley, Harold Gloe, Karen Brinkman, David Korman.



### FY13 Missouri NACD/NRCS Earth Team Award

Warren County NRCS, SWCD, and Volunteers

Pictured are: Tammy Teeter, Yale & Alicia Muhm, Hubie Kluesner, Jayne Glosemeyer, Tom Kopmann, Ralph & Vikki Glosemeyer, Ginger Kopmann, Erma & Paul Fischer. Not pictured are: the Reckamp and the Puetz, Host Farm Families.

Tuesday, August 19, 9 a.m. to 3 p.m.

First Baptist Church Multipurpose Building 111 Main Street, Vandalia, MO

\$10 Registration for lunch and snacks, attendance free; Deadline: August 5, 2014

Make checks payable to "Soil Health Workshop" Send to: Jill Staples, Soil Health Workshop, MU-BREC, 4968 Rangeline Rd. Columbia, MO 65201. Questions: Contact Jill Staples; 573-239-2179 or staplesj@missouri.edu

### The Keys to Soils Health—August 19th, 9am-3pm

Name: \_\_\_\_\_ # Attending: \_\_\_\_\_

Address: \_\_\_\_\_ Phone # \_\_\_\_\_



## Stevens Farm Tour—5/29/14

By Ann Whitehead



**Keith Mueller, shows kids the safeties of being around electric. At the Montgomery County School Tour.**

This year the Montgomery farm tour at the Stevens Farm and the and Wellsville farm tour combined to make one farm tour. Approximately 140 students from Montgomery, Jonesburg, Wellsville and Immaculate Conception School came together for a day filled with fun at the Stevens Farm. This year they were also able to add a fishing stop which the kids enjoyed under the guidance of Scott Voney with the Missouri Department of

**Conservation. Thanks to Mark & Cherie Stevens for letting us have the tour at their farm!**



**(left) Debbie Niederer and Priscilla Eggering hosted the farm safety stop.**

### Buell Acres

**Marvin Miller**

780 White Rd.

Montgomery City, MO 63361

Home/Office 573.564.2606

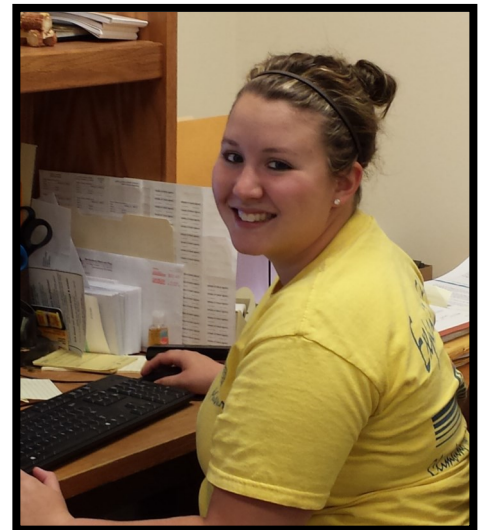
Cell 573.220.2606



**(Left) What a catch! Scott Davidson, Jonesburg Elementary Principal, helped the students with the Fishing (Above) Matt Spurgeon-MDC helped with the Wildlife Stop.**



## Kristen Toedebusch Montgomery Co. Summer Intern



Hello, I am Kristen Toedebusch and I am the new Montgomery County Soil and Water Conservation Department Intern for the summer. I am currently a sophomore and attend Northwest Missouri State University majoring in Animal Science with a minor in Precision Agriculture; I am an active member in the Colli-gate FFA Chapter and the Sigma Alpha Professional Agriculture Sorority. I am from Warren County where I live on a family farm and raise Limousin cattle, hogs, corn, soybeans, wheat, milo, sunflowers, hay and straw. I am excited to meet the local producers in this area and learn about the different aspects of the soil and water district and gain new knowledge from this opportunity in both the office and the field.

- Kristen Toedebusch



## Glosemeyer Farm Tour—4/24/14



(Left) Bob Ridgley & Jason Bolte display an array of arrowheads, rocks & minerals. (Right) MFA emphasizes the importance of nutrition for farm animals.



### Thanks!

To Straatmann Feed & Supply for providing disinfectant so students could attend the farm tour at Glosemeyers. Straatmann's provides animal feed, seed, fertilizer, pet food, fencing supplies & farm equipment at 3601 Old Hwy 100 in Labadie and 3610 Mill St. in New Melle.



(Below left) Jeff Bakameyer teaches students about trees & wildlife. (Below right) Jayne Glosemeyer teaches about dangers around farm equipment.



(Above) Lia Hepperman shows how worms are important to the soil.



(Above) Abby Andrews teaches about different kinds of seeds farmers use at the soils & terraces. (Right) Yale Muhm teaches about the uses of hog hearts.

(Right) Ralph Glosemeyer talks about the many uses of hogs.



### Caitlin Stanek Warren Co. Summer Intern



Caitlin Stanek is the new Soil and Water Intern at the Warren County Office for the summer. She attends the University of Missouri- Columbia studying Agricultural Education. Caitlin says, "I hope to learn and experience many of the innovative aspects of the Soil and Water Conservation District as well as the USDA so that I can take this knowledge and experience to my classroom in the future." She is excited to learn about the SWCD and get an up close experience into the careers in the office and in the field.

— Caitlin Stanek

## NITROGEN MANAGEMENT FIELD TOUR

Friday—June 27, 2014

9 am till Noon

*Location: Laddonia at the Jules Willott Farm Dr.* Peter Scharf will speak on Nitrogen Management predictions using near infrared technology and using rainfall to predict nitrogen deficiency

Dr. Brent Myers will speak on soil influence on nitrogen management and deficiency management.

Kent Shannon and Charles Ellis will speak on cover crop influence on nitrogen management in corn.

To register or for more information contact Rich Hoormann at the Montgomery County Extension Center at 573-564-3733 or go to the Montgomery County Extension website:



## Overall Essay Winner Glosemeyer Farm Tour

*What I learned on the Conservation Tour*

*By: Kathryn McChristy*

*Holy Rosary School*

*I learned a lot of things on the tour. One of the stops was Rocks and Minerals. I learned that you can use arrow heads and sandstone for lots of things. Balina is used to make lots of make-up. Copperore is made into copper wire.*

*Another stop was called Healthy Foods. I learned that your muscles are made of protein. Bananas have some protein in it. A brownie has 2 grams of protein. Soy beans are high in protein.*

*Farm safety was a very important stop on our tour. You should always wear a rope when you go into a grain bin. You should always have someone with you while working on a farm. You should always have food and medicine labeled.*

*I liked the stream table a lot. Trees help stabilize the dirt so the water doesn't get dirty. It also filters it.*

*I learned in hog hearts that they are just like us and need a balanced diet. They need their food crushed 750 microns.*

*At the Feed Stop, I learned that water is the most important part of our diet.*

*At the Tree and Wildlife stop, I learned that the Dogwood is our state tree. Animals need 4 things to live; food, water, oxygen, and shelter.*

*In Soil and Terraces, I learned that a terrace slows the water down. Soil is the most valuable resource.*

*In the Worm Station, I learned that you can sell castings. Worms give us nutrients. There are 3 types of worms: deep dwelling, shallow, and surface.*

*I really liked the farm tour and the many stations.*

**(Right) Overall Winner Kathryn McChristy pictured with her teacher, Mrs. Huffman from Holy Rosary**



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To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

## Women's Ag Awareness Meeting

**(Right)**  
**Cyndi Young was the speaker for Montgomery County Women's Ag Awareness Meeting. Cyndi talked about her experiences at Brownfield her agriculture and daily duties as Marketing director of Brownfield Network.**



**(Left)**  
**The WAA Meeting was held 5/1/14. It was well attended by Landowners from Montgomery and neighboring counties.**

## FSA News...

**By Priscilla Eggering, CED for Montgomery & Warren FSA**



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### CHANGE OF MANAGEMENT IN FSA Montgomery and Warren Counties


Ryan Green, CED of Warren County FSA Office resigned to move back closer to family and to start a new career. We wanted to thank him for his service to the Warren County office and producers. Priscilla Eggering, CED of Montgomery County will be doing a shared management with Warren County and will be in the Warren County office a couple of days a week and as needed.

### DISASTER PROGRAMS AVAILABLE (LIP, LFP, ELAP & TAP)

**LIP**(Livestock Indemnity Program) provides compensation to eligible livestock producers who have suffered livestock death losses in excess of normal mortality due to adverse weather and attacks by animals reintroduced into the wild by the federal government or protected by federal law. **LFP**(Livestock Forage Program) provides compensation to eligible livestock producers who have suffered grazing losses due to drought or fire. **ELAP**(Emergency Livestock Assistance Program) provides emergency assistance to eligible producers of livestock, honeybees and farm-raised fish who have losses due to disease, adverse weather, or other conditions, such as wildfires. **TAP**(Tree Assistance Program) provides financial assistance to qualifying orchardists and nursery tree growers to replant or rehabilitate eligible trees, bushes and vines damaged by natural disasters. For more information on these programs contact your local FSA office.

### 2014 ACREAGE REPORTING DEADLINE – JULY 15TH

In order to comply with FSA program eligibility requirements, all producers are encouraged to visit the local county FSA office to file an accurate crop certification report by **July 15<sup>th</sup>**. **Contact your local FSA office to setup an appointment. Montgomery Co.**



### Upcoming Grazing Field Day

June 26<sup>th</sup> we will be hosting a Grazing Field Day at Bob Ridgley's Farm - High Hill. Bob has worked with the EQIP, CSP, State Cost-Share programs to install many different grazing practices and discuss management tips. We will tour his cattle feeding facility and grazing systems where he utilizes cool and warm season grasses. In addition, Bob will discuss how he uses cover crops for grazing and to protect his land we will also discuss soil health. Cost is \$5 in advance including a meal. You can use the registration form provided below.

### Missouri Department of Conservation Announces Deer Meetings

**Submitted by: Jamie Barton-Private Land Conservationist, MDC**  
JEFFERSON CITY – Hunters and other Missouri residents with an interest in white-tailed deer can express their opinions on management of the state's deer herd at regional meetings in June and July.

The Missouri Department of Conservation will hold open houses at 14 locations around the state to discuss white-tailed deer management with citizens. The meetings will not have formal presentations. Instead, they will use an open-house format where people can come and go any time between 3 and 8 p.m. They will be able to visit booths focusing on the history of deer management in Missouri, the state's new deer management plan, possible regulation changes, hunter retention and recruitment, public comments received so far, and other issues related to deer management.

The open-house format lets attendees concentrate on their particular interests, asking questions and discussing their ideas one-on-one with biologists and other key staff. Conservation Department Deputy Director Tom Draper says the goal of the open houses is to provide information and get feedback.

"We need people to tell us what they want Missouri's deer population to look like and what combination of hunting seasons, bag limits, and hunting methods they want the Conservation Department to use to achieve their goals," says Draper. "We will use what we hear this summer to help shape future deer regulation changes." He noted that Missouri's free-ranging white-tailed deer population supports 12,000 jobs and generates more than \$1 billion in economic activity annually in the Show-Me State.

- The meetings will be held at the following locations.
- Rolla – June 16 – Rolla Junior High School Cafeteria, 1360 Soest Road.
  - Springfield – June 17 – Missouri State University, Christopher Bond Learning Center, 2401 S. Kansas Expressway.
  - Joplin – June 18 – Missouri Southern State University, Cornell Auditorium n Plaster Hall, 3950 Newman Road.
  - Warsaw – June 19 – Warsaw Community Building Gymnasium, 181 Harrison St.
  - St. Louis – June 23 – Crestwood Community Center Lounge, 9245 Whitecliff Park Lane, Crestwood.
  - Jackson – June 24 – Knights of Columbus Hall, 3305 North High St.
  - Van Buren – June 25 – Van Buren Youth and Community Center, 1204 D Highway.
  - West Plains – June 26 – West Plains Civic Center Exhibit Hall, 110 St. Louis St.
  - Kirksville – June 30 – Kirksville High School Gymnasium, 1300 S. Cottage Grove.
  - Chillicothe – July 1 – Litton Agriculture Campus MW Jenkins Building, 10780 Liv 235.
  - Kansas City – July 2 – Lakeland Community Church, Large Lobby, 913 NE Colbern Road, Lee's Summit.
  - Hannibal – July 7 – Quality Inn, Atlantis Ballroom, 120 Lindsey Drive.
  - St. Joseph – July 8 – Missouri Western University, 218/219 Blum Union, 4525 Downs Drive.
  - Columbia – July 9 – Hilton Garden Inn, Magnolia Room, 3300 Vandiver Drive.

### Montgomery County Equipment Rental Rates

(Warren County landowners are charged the same as in-county)

**Available through the Montgomery SWCD Office**  
**573-564-3715, x3**

7 ft. Great Plains No-Till Drill with Native Grass Box .....	\$7 acre
\$25.00 minimum charge	
Two 10 ft. Great Plains No-Till Drills with Native Grass Box ....	\$8 acre
\$25.00 minimum charge	
Vermeer Mulcher .....	\$50/1st hour use • \$25/each additional hour
Warm Season Grass Burn Equipment .....	\$10 per day
wBlowers .....	\$20 per day
Tree Planter .....	\$50/day • Maximum charge of \$100
Tree Root Pruner.....	\$25/day
Truax "Seed Slinger" - Hand Grass Seeder .....	\$10/day
Truax Electric ATV Mounted Seeder .....	\$10/day
10' ATV Mounted Sprayer.....	\$10/day
18" Hay Probes.....	(with \$50 deposit) FREE

**Additional rental rates charged for out-of-county landowners**

#### MONTGOMERY COUNTY SOIL & WATER CONSERVATION DISTRICT

1013 S. Sturgeon • Montgomery City, MO 63361

**Board of Supervisors**  
Harry Cope, Chairman • Adam Uthlaut, Vice-Chairman • Rich Hoormann, Secretary  
Jim Kleinsorge, Treasurer • Alan Bufka, Member

**District Personnel**  
Robert Ridgley, District Technician, Ann Whitehead, District Technician,  
Jason Bolte, District Technician  
.....

#### WARREN COUNTY SOIL & WATER CONSERVATION DISTRICT

635 W. Booneslick • Warrenton, MO 63383

**Board of Supervisors**  
Ralph Glosemeyer, Chairman • Steve Tomschin, Vice-Chairman  
Harold Gloe, Treasurer • Rich Hoormann, Secretary • Lynn Bade, Member

**District Personnel**  
Debbie Niederer, District Technician  
Polly Sachs, District Manager

**Assisted by NRCS Personnel**  
Tammy Teeter, District Conservationist  
Sarah Szachnieski, Resource Conservationist  
David Korman, Soil Conservationist  
Denise Tillman-Office Automation Clerk  
Katie Owens & Karen Sinclair, WAE's  
Ryan Diener, QF Farm Bill Wildlife Biologist

**Assisted by Missouri Department of Conservation**  
Jamie Barton & Lia Heppermann-MDC Private Land Conservationists  
Jeff Bakameyer, Tony Peper, Justin Janes, Lafe Schweissguth,  
and Angela Belden-MDC Forestry  
Scott Voney & Sarah Peper-MDC Fisheries Biologists  
Matt Spurgeon & Jim Kuenzle-MDC Wildlife Conservationists

### Warren County Equipment Rental Rates

(Montgomery County landowners are charged the same as in-county)

**Available through the Warren SWCD Office 636-456-3434, x3**

7 ft. Great Plains No-Till Drill with Native Grass Box .....	\$8 acre
\$25.00 minimum charge	
Vermeer Mulcher..	\$50 per day/1st hr free • \$25/each additional hour

**Available through Matt Berry, near Marthasville, 636-932-4035**

10' John Deere No-Till Drill .....	\$8 acre
\$25.00 minimum charge	

**Available through Ralph Glosemeyer, in Concord Hill, 636-932-4897**

7' Great Plains No-Till Drill with Native Grass Box.....	\$8 acre
\$25.00 minimum charge	
Warm Season Grass Burn Equipment .....	\$20 per day

**Additional rental rates charged for out-of-county landowners**